This listing of claims will replace all prior versions and listing of the claims in the application:

LISTING OF THE CLAIMS:

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Currently amended) A method of making .alpha.-galactosidase ~~a lysosomal~~ enzyme which is enzymatically active, said ~~lysosomal~~ enzyme is made by the method comprising recovering the ~~lysosomal~~ enzyme from a plant cell, tissue or organ of a plant which plant cell, tissue or organ of the plant is transfected with a recombinant plant viral expression construct comprising a nucleotide sequence encoding the ~~lysosomal~~ enzyme or its sequence complement so that the ~~lysosomal~~ enzyme is expressed by the plant cell, tissue or organ of the plant.

5. (Canceled)

6. (Currently amended) The method of claim 4 wherein the ~~lysosomal~~ enzyme is ~~selected from the group consisting of a hydrolase, an esterase, .alpha.-N-acetylgalactosaminidase, acid lipase,~~ .alpha.-galactosidase, ~~.alpha.-L-iduronidase, iduronate sulfatase, .alpha.-mannosidase or sialidase~~ or ~~comprises~~ an enzymatically-active fragment of ~~a hydrolase, an esterase, .alpha.-N-acetylgalactosaminidase, acid lipase,~~ .alpha.-galactosidase, ~~alpha.-L-iduronidase, iduronate sulfatase, .alpha.-mannosidase or sialidase,~~ said enzymatically-active fragment having one or more naturally-occurring amino acid additions, deletions or substitutions.